

Date: Fri, 30 Sep 94 04:30:11 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #1075
To: Info-Hams

Info-Hams Digest Fri, 30 Sep 94 Volume 94 : Issue 1075

Today's Topics:

 900 Mhz phone questions ...
 Amateur radio on World Wide Web? (3 msgs)
 Downtown "GIZMO" shops...
 Do YOU sign ur QSL?
 Liscense....
 Looking for Hamfests
 This Week on Spectrum...
 VTVMs? Anybody use these anymore? (2 msgs)
 Why does Radio Shac care if I export HT202? ##

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Sep 1994 20:50:21 GMT
From: library.ucla.edu!csulb.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!olivea!
korie1!lll-winken.llnl.gov!fastrac.llnl.gov!usenet.ee.pdx.edu!cs.uoregon.edu!
reuter.cse.ogi.edu@ihnp4.ucsd.edu
Subject: 900 Mhz phone questions ...
To: info-hams@ucsd.edu

I just got a new AT&T digital cordless 900Mhz phone, and although it
is indeed an improvement over my old cordless, I need more range. We
have a fair amount of property, and it stretches for almost a mile away
from the house (yes we live out in the sticks); I would like to be able to
receive calls anywhere on the property. I either need more power output
or a good 900Mhz antenna -- interfering with the neighbor's phone is not
a problem, since the population density is so low. I seem to have three

options.

- 1) Get a phone with higher output. The phone I have is at the FCC Max, but could I get a higher output phone from some source I don't know about in US or Canada (are the Canadian output limits higher than the US?? BC is just up the road from me...)
- 2) Get a good 900Mhz antenna for the base unit, and perhaps some sort of telescoping antenna for the receiver ?? I have not seen any such antennas sold. Are they available ??
- 3) Buy or make a 900Mhz amplifier for the base unit. Are these or the plans for them available ??

Are there any other options I should consider? Ideally, I'd like about two miles of range on a phone that costs less than \$500. Cellular is not an option.

Thanks for your help,

Rolf Aalto

ps. I don't regularly read this group, so please e-mail me any response. If there is interest, I'll post a summary.

Date: 28 Sep 1994 19:01:10 GMT
From: noc.near.net!chaos.dac.neu.edu!bach.coe.neu.edu!wy1z@uunet.uu.net
Subject: Amateur radio on World Wide Web?
To: info-hams@ucsd.edu

In article <kevin.jessup.4.000C96FB@mail.mei.com>,
Kevin Jessup <kevin.jessup@mail.mei.com> wrote:
>Are there any amateur radio related topics on World Wide Web?
>On the other hand, if you use Mosaic and WWB, how much time
>do you spend (waste?) on amateur radio anyway? ;-))

There are a bunch of Web pages devoted to ham radio.

Two you may wish to check out are:

<http://www.acs.oakland.edu/barc.html>

and

<http://www.acs.oakland.edu/barc/ham-more/ham-more.html>

Hope this helps!

--

Scott Ehrlich, Amateur Radio Callsign: wy1z wy1z@wg1i.ma [AX.25 Packet]
E-mail addresses: wy1z@neu.edu [Internet], wy1z@walphy.ampr.org [TCP/IP Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: <http://www.acs.oakland.edu/barc.html>

Date: 28 Sep 1994 19:34:45 GMT
From: library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!news.byu.edu!news.mtholyoke.edu!news.umass.edu!news2.near.net!cat.cis.Brown.@ihnp4.ucsd.edu
Subject: Amateur radio on World Wide Web?
To: info-hams@ucsd.edu

In article <kevin.jessup.4.000C96FB@mail.mei.com>,
kevin.jessup@mail.mei.com (Kevin Jessup) wrote:

> Are there any amateur radio related topics on World Wide Web?
> On the other hand, if you use Mosaic and WWB, how much time
> do you spend (waste?) on amateur radio anyway? ;-))

There's the K1AD Brown University Radio Club WWW Home Page at:
<http://netspace.students.brown.edu/BRC/>

It has links to other Amateur Radio Web pages too....

Tony

--

== Tony Pelliccio, KD1NR - Brown University ADIR Computing Services
== Box 1908, Prov, RI 02912 Tel. (401) 863-1880 Fax. (401) 863-2269
== Organized Crime is alive and well. It's called Auto Insurance.

Date: 28 Sep 1994 19:49:38 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!csn!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!
mark@network.ucsd.edu
Subject: Amateur radio on World Wide Web?

To: info-hams@ucsd.edu

Kevin Jessup (kevin.jessup@mail.mei.com) wrote:

: Are there any amateur radio related topics on World Wide Web?
: On the other hand, if you use Mosaic and WWB, how much time
: do you spend (waste?) on amateur radio anyway? ;-))

: -----
: /'_- kevin.jessup@mail.mei.com |
: { }/ Marquette Electronics, Inc | Time for another tea party!
: \ / Milwaukee, Wisconsin, USA |
: |__*| N9SQB, ARRL, Amateur Radio |
: -----

yes, try:

http://akebono.stanford.edu/yahoo/Entertainment/Hobbies_and_Crafts/Amateur_Radio/

<http://archive.phish.net/BRC/>

you can ftp to arrl.org too, <ftp://arrl.org> (i assume will work)

--

Mark Butterworth
HEWLETT-PACKARD
Optical Communications Division
370 West Trimble Road MS 90TZ
San Jose, CA 95131
Phone 408-435-5836
Fax 408-435-5838
Email mark_butterworth@sj.hp.com

Date: 29 Sep 1994 12:19:19 GMT
From: haven.umd.edu!cville-srv.wam.umd.edu!ham@uunet.uu.net
Subject: Downtown "GIZMO" shops...
To: info-hams@ucsd.edu

Has anyone here had this experience but me...

Walking around downtown New Orleans, you happen upon a store front
with BRIGHT, BIG LETTERS! CAMERAS! STEREOS! SALE! SALE! SALE!

and you happen to walk into the shop for the heck of it and see an
Icom 2SAT for sale, in amongst the CBs and scanners. The hardly-
speaking-English guy behind the counter, when asked, sidles over

to you when you ask about it, and says "400 dollars," and then QUICKLY walks away...

So I just happen to be in New Orleans, and, WHOOOPS, I forgot my radio!
Better buy one, right?

Questions:

- 1) Does the seller even know it's not just a walkie-talkie?
- 2) How'd he get it in the first place?
- 3) Who ends up buying it, esp. @ \$400 a pop...?

Disturbing.

— —

```

73,                                     ----- The
                                     \ /  Long  Original
Scott Rosenfeld  Amateur Radio NF3I  Burtonsville, MD  |  Live  $5.00
  WAC-CW/SSB  WAS  DXCC - 130 QSLed on dipoles  -----|  Dipoles! Antenna!

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Date: 29 Sep 1994 03:22:59 -0500
From: cs.utexas.edu!not-for-mail@uunet.uu.net
Subject: Do YOU sign ur QSL?
To: info-hams@ucsd.edu

Hi QSLers,

Guess for many awards QSLs must be signed by an operator. This is often neglected by hams that print labels for QSLs via their computer....

Question: Do unsigned QSLs qualify for DXCC?
Question: Do unsigned QSLs qualify for WAS?

73 de IK2RMZ

— —

martin%dacws2@dac.isei.jrc.it
(if this bounces try martin@dac.isei.jrc.it)

Date: 28 Sep 1994 20:58:29 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!yeshua.marcam.com!news.kei.com!ub!newserve!
bd27015@network.ucsd.edu
Subject: Liscense....

To: info-hams@ucsd.edu

approachin 6weeks on my liscense now

--Dave Graff

Date: 28 Sep 94 09:50:22 EDT
From: psinntp!main03!landisj@uunet.uu.net
Subject: Looking for Hamfests
To: info-hams@ucsd.edu

In article <780464928-0-103851@ns1.CC.Lehigh.EDU>, Joe Herman
<slammy@chop.isca.uiowa.edu> writes:

> Hey,
>
> I'm currently awaiting the arrival of my technician license - am not
> affiliated with a club, or the ARRL yet [am waiting for my callsign to arrive
> in the mail] Can anyone recommend a source of information regarding hamfests
> in the Southern NJ/NY/Eastern PA area?

Hey Joe...

There are 2 coming up in EPA. They are both usually big and worth attending.

On Oct 2, there is the Packrats hamfest at the Bucks County Drive In Theater
on RT 611, 4 mi north of PA tpk exit 27. There is also a VHF conference on Sat,
Oct 1 at the Days Inn, in Horsham, I believe.

Also the RF Hill ARC Hamfest on Oct 23. It's at the National Guard Armory in
Sellersville, PA. Take the Rt 152 (Telford) exit from rt 309 and follow Rt 152
South.

See Ya,
Joe - AA3GN

--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@drager

Date: Thu, 29 Sep 94 01:12:50 GMT
From: news2.new-york.net!starcomm.overleaf.com!n2ayj!n2ayj@uunet.uu.net
Subject: This Week on Spectrum...
To: info-hams@ucsd.edu

This year marks the 25th running of the New York City Marathon,
and for a good many of those years Steve Mendelsohn (WA2DHF) has been

the Communications Coordinator, finding, encouraging, training, and inspiring the hundreds of ham radio operators needed to help ensure the safety of the tens of thousands who run in this mammoth event. Steve joins the Spectrum crew this Saturday, October 1, giving us a look at what's involved in making it all come together. He'll talk about this year's effort, and will likely have a tale or two from Marthons past.

Join Steve Mendelsohn Sunday at 0400 UTC (Saturday at 10 PM EDT) on SPECTRUM, "The Communications Magazine You Read With Your Ears"

Spectrum can be heard on:

Galaxy 3, x17, 5.8 wide audio
WWCR, 5810 kHz, Nashville, TN (Worldwide)
WIFI, 1460 AM, Florence, NJ (Philadelphia Area)
KHNC, 1560 AM, Johnstown, CO (Denver Area)
TCI Cable, Tulsa, OK

--

Stan Olochwoszcz, N2AYJ
spectrum@overleaf.com

Date: 28 Sep 1994 18:02:25 GMT
From: library.ucla.edu!csulb.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!gatech!
howland.reston.ans.net!usc!math.@@ihnp4.ucsd.edu
Subject: VTVMs? Anybody use these anymore?
To: info-hams@ucsd.edu

Tom Randolph (randolph@est.enet.dec.com) wrote:

: I picked up a neat old VTVM ("Knight" by Allied Radio) for \$3 at a flea this
: past weekend. So far I've determined that it works 100% so far as I can tell,
: and that the input is 10Mohms.

: Anybody still use these things? Any thoughts on a probe for it? How about
: calibrating it? I'm gonna measure a few 1% resistors to get that scale set, but
: I dunno about the voltage scales - maybe one of those 1.2V reference chips?

I built one of those, probably back in the mid-60's.

Granted your price was low, but why would you want to use one of these when you can get a digital unit with better accuracy, autoranging, autopolarity, more resolution, in a small package, not line operated, etc., etc. for not that much more cost?

John Keith

Date: 28 Sep 1994 18:09:20 GMT
From: library.ucla.edu!csulb.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!gatech!
howland.reston.ans.net!swrinde!sgiblab@ihnp4.ucsd.edu
Subject: VTVMs? Anybody use these anymore?
To: info-hams@ucsd.edu

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: calibrating it? I'm gonna measure a few 1% resistors to get that scale set, but
: I dunno about the voltage scales - maybe one of those 1.2V reference chips?

Sure.. I have a Heath something that I picked up at hamfest about 5
years ago for \$10..

The probe for mine has a 1 meg resistor in it to provide a total input
impedance of 11 meg -- fairly common as I remember. But, some had to
have a different probe for AC and ohms or, a probe with a switch that
would short out the 1 meg resistor when measuring AC or ohms..

As for calibration, the instructions with the old Heath units told you
to use a fresh 1.5 volt battery, set the VTVM to the 1.5 volt scale
and adjust until the meter rested on a little red dot that was just
above the end of the scale.. AC calibration was done by measuring the
AC supply and assuming it was 117 volts.. There was also a balance
adjustment that had to be tweaked as you switched back and forth from
-DC to +DC functions.. Tweak until the meter didn't move upscale as
you switched between the two functions..

I know where there are some Hewlett Packard 410B VTVM's.. One of those
is probably going to retire my Heathkit to the backup shelf..

Welcome to the wonderful world of firebottles!!

73,

Larry, KQ4BY

Date: Wed, 28 Sep 1994 16:24:41 +0000

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!news.sprintlink.net!demon!
g8sjp.demon.co.uk!ip@network.ucsd.edu
Subject: Why does Radio Shac care if I export HT202? ###
To: info-hams@ucsd.edu

In article <lestrade.780506240@Ra.MsState.Edu> lestrade@Ra.MsState.Edu (John
Patrick Lestrade) asks:
 Why does Radio Shac care if I export HT202? ###

In article <barry.490.000AF159@indirect.com>
barry@indirect.com "Barry Rose" writes:

> I am not sure it is illegal but I have heard that the repeaters in
> Europe use a different scheme than we do here. Here we use one pl tone to

[snip]

S'right. European repeater *MAY* not support CTCSS (PL[tm]). But many do ...

> have to have their type of tone encoder installed or you will not have
> access to their repeaters. You also need a operator license for any other

[snip]

BZZZZZZZZTTTTT!!!! Nice try - wrong answer :-). The 'alternative' access
mechanism in Europe is a short (200-300mS) burst on 1750Hz tone (you may
hear it referred to as 'tone burst' for that reason). The tone is *usually*
required only to start the machine up from 'cold' state; after that, waiting
for the courtesey beep between transmissions is usually enough to reset the
talkthrough (timeout) timer. But not always it's sometimes necessary
to send the 1750Hz tone every time to do that; it's not a challenge - most
folks can manage a whistle to do the job for them. I seem to remember an old
ARRL publication ('FM and Repeaters', perhaps?) referring to / describing
this scheme and naming it 'whistle on'.

Come to think of it, since I got a new car and installed a TM742 with
hands-free microphone, I don't have a tone burst anymore - seems that Kenwood
built it into the fist mic :-)

[snip]

> worry about his question. Maybe he was just curious and wanted to go with

Maybe the guy really did know something and was genuinely trying to help. A
much bigger barrier for 144MHz-ish radios intended for the US market is that
they tend to want to use 10KHz/20KHz steps rather than the 12.5KHz/25KHz steps
that are the norm for the rest of the planet :-)

Of course, I don't know the RS rig being discussed, but I've a sneaking feeling about those tuning steps

--

Iain Philipps

Date: 28 Sep 1994 19:27:45 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!olivea!ncd.com!newshost.ncd.com!sheridan.ncd.com!
steve@network.ucsd.edu
To: info-hams@ucsd.edu

References <Bgz3wcg.jsanfilippo@delphi.com>, <1994Sep26.150322.26986@ucl.ac.uk>,
<CwtB89.JCu@indep1.chi.il.us>host.n
Subject : Re: CABLE TV LEAKAGE

In article <CwtB89.JCu@indep1.chi.il.us>, clifto@indep1.chi.il.us (Clifton T. Sharp) writes:

|> In article <1994Sep26.150322.26986@ucl.ac.uk> zcap134@ucl.ac.uk (Redvers Llewellyn Davies) writes:

|> >On a similer vein... Cable TV in the UK uses frequencies from 40Mhz to 300Mhz.
|> >Under British law... If they are leaking onto our frequencies from the pipe
|> >it is thier responsibility. If we interfere with them (even TX on their fundimental)

|> >it is their responsibility. Is that the same in the US ?

|>

|> Legally, yes. In practical terms, just _try_ to get them to admit that
|> it's their responsibility. Succeeding at that, just _try_ to get them to
|> do something about it before the neighbors pin your coax, bomb your tower,
|> slash your tires and kidnap your kids.

|>

|> --

> Cliff Sharp	There are days when no matter which
> WA9PDM	way you spit, it's upwind.
> clifto@indep1.chi.il.us	--The First Law of Reality

Oh, I don't know about that! I've had some success along these lines with my local company. The trick seems to be WHO you talk to.

Quick story:

Cable company had just installed new hardware in my area(fiber no less!) and I had an extremely strong carrier on 145.25....much worse than it was with the old installation. I did a little t hunting, and it seemed that

there were multiple strong radiators on the block.

First I called the service folks and asked them to come and clean up their act. I got what you are talking about when dealing with them. "Oh no sir, it can't be us." This is standard service-droid speak. So, a few days latter I called and asked for the chief engineer. Didn't get him, but he did call me back! I explained my problem to him(I didn't even have to mention I was on a first name basis with the folks at the local FCC FOB ;-)
He agreed that there was likely a problem with the new installation, and that he'd have someone out within the next 2-3 days to look into it. Well, I checked 145.25 about a week latter, and sure enough, there was a considerable attenuation of the signal...rougly down to the original leakage level.

Moral of the story...get hold of the chief technical guru of the company and explain that you think there is a problem...he'll be familiar with the FCC rules requiring his compliance, and should be alot more ammenable to helping investigate the problem. The fact is that if they are leaking OR you are managing to get into their system, they DO indeed have a problem that will probably cause him greater grief if he doesn't get it attended too! He knows that...the service droids don't have a clue...don't even bother with them.

Steve KA6S

Date: 28 Sep 1994 19:17:23 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!olivea!ncd.com!newshost.ncd.com!sheridan.ncd.com!
steve@network.ucsd.edu
To: info-hams@ucsd.edu

References <35msev\$8t\$1@mhade.production.compuserve.com>,
<1994Sep21.134630.10389@newsgate.sps.mot.com>,
<larry.jenkins.1131101801B@avalon.chinalake.navy.mil>
Subject : Re: Restrictive Covenants: I can't have *any* antenna?

In article <larry.jenkins.1131101801B@avalon.chinalake.navy.mil>,
larry.jenkins@c1_2743.chinalake.navy.mil (Larry Jenkins) writes:
> There are Federal regulations and decisons that say communities cannot put
> unreasonable restrictions on Hams. These have been used sucessfully in some
> cases to get antenna restrictions relieved. Communications control is the
> pervue of the FCC not the community or a developer.
> -----
>

Larry,

I'm going to give you a grade of 66% because two out of the three sentences

above are true. It's that last one that got you this grade.

As has been said repeatedly on this group recently, PRB-1 first requires that communities accomodate amateur operations, but explicitly excuses itself from private contracts, i.e. CC&Rs. So, if a development has CC&R's that limit or prohibit towers, antennas, or whatever, PRB-1 supplies NO protection. Secondly, though there have been some court battles that we've won, there are also a number that we've lost that have gone ALONG way in diluting the force of PRB-1 to the point where a community can create quite legal effective barriers to you putting up a tower. Many courts have decided that accomodate really means just consider the amateurs' application. If the community has a method to consider a tower installation, and they deny it, this will stand up in some areas of the country. This also doesn't address the several communities that have created price barriers. There are some counties in CA that require a \$1500 non-refundable fee just to put in an application that may be denied! Life isn't terribly rosey for us on this front right now.

Steve KA6S

End of Info-Hams Digest V94 #1075
